

CHAPTER 3. Requirements

3.1 *Required States and Modes*

The DII operates in the following modes:

- Operational Mode. This is the normal mode of operation where the DII is on-line supporting the operational mission.
- Maintenance Mode. In this mode, portions of the hardware or software at the DII site will be off-line for maintenance, modification, upgrade, or other related action.
- Training Mode. In this mode, a portion of the DII may be operated with separate databases using simulated inputs in support of training for a portion of the user population. Care must be taken to ensure that exercise data is not mixed with operational data.
- Exercise Mode. In this mode, a portion of the DII may be operated with separate databases using simulated inputs in support of an exercise for a portion of the user population.

Care must be taken to ensure that exercise data is not mixed with operational data.

Normal day-to-day operations will probably find all three operating modes existing at the same time at different DII sites. The modes will be distinguished by administrative features or architectural boundaries.

3.1.1 Alert Services

The Alert Services is not a stand-alone subsystem. Alert Services provides generic C2 support services and is designed to be embedded into an end-user's system. The Alert Services has no operating modes or states of its own.

3.1.2 Track Correlation Management Services

3.1.3 Joint Mapping Tool Kit (JMTK) Services

3.1.4 Message Processing Services

The message processing module shall:

3.1.4.1 Support all defined GCCS states.

Traceability:
Priority ???

3.1.4.2 Support all defined GCCS modes.

Traceability:
Priority ???

3.1.5 Office Automation Services

The Office Automation requirements are valid for all required states and modes.

3.1.6 On-Line Support Services

OL 3.1.1 The On-Line Support services shall operate in two modes when providing demos: Passive demo, and Active demo. Passive demo mode is analogous to Read Only Memory where the user only reads or observes the illustrated process whereas Active demo mode allows the user to participate in the demo.

Traceability:
Priority 1

3.2 *Functional Requirements*

The following sections describe the functional requirements for: Alert Services, Track Correlation Management Services, Joint Mapping Tool Kit (JMTK) Services, Message Processing Services, Office Automation Services, and On-Line Support Services